

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/657,431

DATE: 09/21/2000
 TIME: 15:17:46

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3 <110> APPLICANT: ConjuChem, Inc.
4   Beliveau, Richard
5   Bridon, Dominique
6   Rasamoelisololo, Michele
7   Thibaudeau, Karen
8   Huang, Xicai
10 <120> TITLE OF INVENTION: Long Lasting Anti-Angiogenic Peptides
12 <130> FILE REFERENCE: 2200
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/657,431
C--> 15 <141> CURRENT FILING DATE: 2000-09-07
17 <150> PRIOR APPLICATION NUMBER: 60/134,406
18 <151> PRIOR FILING DATE: 1999-05-17
20 <160> NUMBER OF SEQ ID NOS: 16
22 <170> SOFTWARE: PatentIn Ver. 2.1
24 <210> SEQ ID NO: 1
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37 Val Thr Lys Lys Gln Leu Gly Ala Gly Ser Ile Glu Glu Cys Ala Ala
38   20           25           30
40 Lys Cys Glu Glu Asp Glu Glu Phe Thr Cys Arg Ala Phe Gln Tyr His
41   35           40           45
43 Ser Lys Glu Gln Gln Cys Val Ile Met Ala Glu Asn Arg Lys Ser Ser
44   50           55           60
46 Ile Ile Ile Arg Met Arg Asp Val Val Leu Phe Glu Lys Lys Val Tyr
47   65           70           75           80
49 Leu Ser Glu Cys Lys Thr Gly Asn Gly Lys Asn Tyr Arg Gly Thr Ser
50   85           90           95
52 Lys Thr Lys Asn Gly Ile Thr Cys Gln Lys Trp Ser Ser Thr Ser Pro
53   100          105          110
55 His Arg Pro Arg Phe Ser Pro Ala Thr His Pro Ser Glu Gly Leu Glu
56   115          120          125
58 Glu Asn Tyr Cys Arg Asn Pro Asp Asn Asp Pro Gln Gly Pro Trp Cys
59   130          135          140
61 Tyr Thr Thr Asp Pro Glu Lys Arg Tyr Asp Tyr Cys Asp Ile Leu Glu
62 145          150          155          160
64 Cys Glu Glu Glu Cys Met His Cys Ser Gly Glu Asn Tyr Asp Gly Lys
65   165          170          175
67 Ile Ser Lys Thr Met Ser Gly Leu Glu Cys Gln Ala Trp Asp Ser Gln
68   180          185          190
70 Ser Pro His Ala His Gly Tyr Ile Pro Ser Lys Phe Pro Asn Lys Asn

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71          195          200          205
73 Leu Lys Lys Asn Tyr Cys Arg Asn Pro Asp Arg Glu Leu Arg Pro Trp
74          210          215          220
76 Cys Phe Thr Thr Asp Pro Asn Lys Arg Trp Glu Leu Cys Asp Ile Pro
77 225          230          235          240
79 Arg Cys Thr Thr Pro Pro Pro Ser Ser Gly Pro Thr Tyr Gln Cys Leu
80          245          250          255
82 Lys Gly Thr Gly Glu Asn Tyr Arg Gly Asn Val Ala Val Thr Val Ser
83          260          265          270
85 Gly His Thr Cys Gln His Trp Ser Ala Gln Thr Pro His Thr His Asn
86          275          280          285
88 Arg Thr Pro Glu Asn Phe Pro Cys Lys Asn Leu Asp Glu Asn Tyr Cys
89          290          295          300
91 Arg Asn Pro Asp Gly Lys Arg Ala Pro Trp Cys His Thr Thr Asn Ser
92 305          310          315          320
94 Gln Val Arg Trp Glu Tyr Cys Lys Ile Pro Ser Cys Asp Ser Ser Pro
95          325          330          335
97 Val Ser Thr Glu Gln Leu Ala Pro Thr Ala Pro Pro Glu Leu Thr Pro
98          340          345          350
100 Val Val Gln Asp Cys Tyr His Gly Asp Gly Gln Ser Tyr Arg Gly Thr
101          355          360          365
103 Ser Ser Thr Thr Thr Thr Gly Lys Lys Cys Gln Ser Trp Ser Ser Met
104          370          375          380
106 Thr Pro His Arg His Gln Lys Thr Pro Glu Asn Tyr Pro Asn Ala Gly
107 385          390          395          400
109 Leu Thr Met Asn Tyr Cys Arg Asn Pro Asp Ala Asp Lys Gly Pro Trp
110          405          410          415
112 Cys Phe Thr Thr Asp Pro Ser Val Arg Trp Glu Tyr Cys Asn Leu Lys
113          420          425          430
115 Lys Cys Ser Gly Thr Glu Ala Ser Val Val Ala Pro Pro Pro Val Val
116          435          440          445
118 Leu Leu Pro Asp Val Glu Thr Pro Ser Glu Glu Asp Cys Met Phe Gly
119          450          455          460
121 Asn Gly Lys Gly Tyr Arg Gly Lys Arg Ala Thr Thr Val Thr Gly Thr
122 465          470          475          480
124 Pro Cys Gln Asp Trp Ala Ala Gln Glu Pro His Arg His Ser Ile Phe
125          485          490          495
127 Thr Pro Glu Thr Asn Pro Arg Ala Gly Leu Glu Lys Asn Tyr Cys Arg
128          500          505          510
130 Asn Pro Asp Gly Asp Val Gly Gly Pro Trp Cys Tyr Thr Thr Asn Pro
131          515          520          525
133 Arg Lys Leu Tyr Asp Tyr Cys Asp Val Pro Gln Cys Ala Ala Pro Ser
134          530          535          540
136 Phe Asp Cys Gly Lys Pro Gln Val Glu Pro Lys Lys Cys Pro Gly Arg
137 545          550          555          560
139 Val Val Gly Gly Cys Val Ala His Pro His Ser Trp Pro Trp Gln Val
140          565          570          575
142 Ser Leu Arg Thr Arg Phe Gly Met His Phe Cys Gly Gly Thr Leu Ile
143          580          585          590

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145 Ser Pro Glu Trp Val Leu Thr Ala Ala His Cys Leu Glu Lys Ser Pro
146          595          600          605
148 Arg Pro Ser Ser Tyr Lys Val Ile Leu Gly Ala His Gln Glu Val Asn
149      610          615          620
151 Leu Glu Pro His Val Gln Glu Ile Glu Val Ser Arg Leu Phe Leu Glu
152 625          630          635          640
154 Pro Thr Arg Lys Asp Ile Ala Leu Leu Lys Leu Ser Ser Pro Ala Val
155          645          650          655
157 Ile Thr Asp Lys Val Ile Pro Ala Cys Leu Pro Ser Pro Asn Tyr Val
158          660          665          670
160 Val Ala Asp Arg Thr Glu Cys Phe Ile Thr Gly Trp Gly Glu Thr Gln
161          675          680          685
163 Gly Thr Phe Gly Ala Gly Leu Leu Lys Glu Ala Gln Leu Pro Val Ile
164      690          695          700
166 Glu Asn Lys Val Cys Asn Arg Tyr Glu Phe Leu Asn Gly Arg Val Gln
167 705          710          715          720
169 Ser Thr Glu Leu Cys Ala Gly His Leu Ala Gly Gly Thr Asp Ser Cys
170          725          730          735
172 Gln Gly Asp Ser Gly Gly Pro Leu Val Cys Phe Glu Lys Asp Lys Tyr
173          740          745          750
175 Ile Leu Gln Gly Val Thr Ser Trp Gly Leu Gly Cys Ala Arg Pro Asn
176          755          760          765
178 Lys Pro Gly Val Tyr Val Arg Val Ser Arg Phe Val Thr Trp Ile Glu
179      770          775          780
181 Gly Val Met Arg Asn Asn
182 785          790
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196 1          5
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208 <400> SEQUENCE: 3
209 Tyr Thr Thr Asn Pro Arg Lys Leu Tyr Asp Tyr Lys
210 1          5          10
213 <210> SEQ ID NO: 4
214 <211> LENGTH: 24
215 <212> TYPE: PRT

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216 <213> ORGANISM: Artificial Sequence
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226 Pro Arg Lys Leu Tyr Asp Tyr Lys
227 20
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241 1 5 10
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255 1 5
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282 Tyr Thr Thr Asn Pro Arg Lys Leu Tyr Asp Tyr
283 1 5 10

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297 1 5 10 15
299 Pro Arg Lys Leu Tyr Asp Tyr
300 20
303 <210> SEQ ID NO: 10
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313 Arg Lys Leu Tyr Asp Tyr Lys
314 1 5
317 <210> SEQ ID NO: 11
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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/657,431

DATE: 09/21/2000

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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date